



Polson Water Resource Recovery Facility

Construction Progress Report

(June 2018)

TO: Mark Shrives, City Manager
106 First Street East
City of Polson, MT 59860

CC: Polson City Council
Ashley Walker, W/S Superintendent

FROM: Kevin Johnson, P.E.
Project Manager – DOWL

DATE: June 29, 2018

This construction progress report includes work for the month of June 2018.

Headworks Building:

The process equipment is all now installed in this building. The special protective lining in the flow channels was completed this month. Some minor building plumbing and various electrical and HVAC work remains. See Figures 1 through 4.

SBR Tanks:

The walls for the “outlet control vault” housing process piping, valves, appurtenances and instrumentation are complete and most of the process piping is installed. The equipment in one of the two SBR tanks is nearly complete. Backfill has progressed all around these tanks in preparation for installation of the buried yard piping. Remaining work includes installation of the equipment in the second SBR, construction of the inlet control vault, and the structural steel walkways and handrails above and around the SBR. See Figures 5, 6 and 7.

UV Building & Post Equalization Tank:

The roof deck was completed this month along with the roof fascia and soffit in preparation for the metal roofing. The interior steel grating over the UV disinfection channels and the lower outlet control valve pipe gallery is nearly complete. Electrical and HVAC work is ongoing in this building. The UV equipment installation is in process. See Figures 8 and 9.

Control Building:

Work continued preparing this building for the metal roof installation. The soffit and fascia are complete and the metal roofing can progress. Miscellaneous electrical and HVAC work continues in this building. Also, the lab and office cabinets and countertop are yet to be installed.

Digesters:

The prefabricated aluminum digester tank lids are now in place and all equipment is installed in the tanks. The only work remaining for the concrete digesters is installation of exterior insulation and metal siding on the exterior walls. See Figure 10.

Yard Piping:

The majority of the work remaining includes nearly all of the buried yard piping. Backfill operations are progressing and this work will proceed over the coming months.

Overall Project Status Summary:

Contract Time: 532 Days to Substantial Completion of Treatment Facility

Days Expended: (433); To June 25, 2018 (81%)

Original Contract Amount:	\$12,213,000
Change Order #1	\$29,087
Change Order #2	\$2,542
Change Order #3	\$25,004
Current Contract Amount:	\$12,269,633

Total To Date: \$9,318,812; (76%)



Figure 1 - Headworks Building, Grit Pumps



Figure 2 - Grit Chamber, Paddle Drive Installation



Figure 3 - Headworks, Influent Screens



Figure 4 - Headworks - Grit Washer



Figure 5 - SBR Inlet Vault; Backfill



Figure 6 - SBR Outlet Vault, Completed Walls



Figure 7 - SBR Equipment; Aeration Header

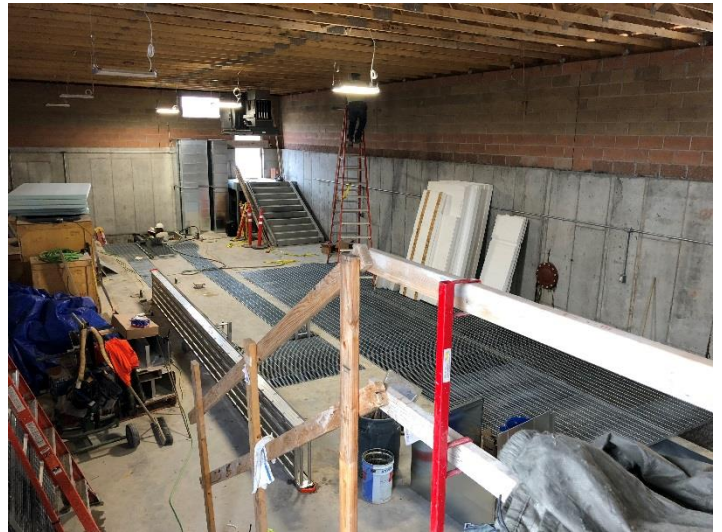


Figure 8 - UV Building Interior



Figure 9 - UV Bldg.; Outlet Control Piping



Figure 10 - Digester Roof Structure; Completed